ABSTRACT OF THE DISCLOSURE

An on-vehicle AC generator that comprises a rotor; and a stator including a cylindrical stator iron core in which a plurality of slots extending in axial direction of a shaft are formed to be circumferentially aligned, and which is fitted to and supported in a case to contain the rotor therein, and a stator winding wound about the slot of the stator iron core, and which possesses a high rigidity to secure no deformation by force applied at the time of being fitted to the case. An insulating resin having adhesive properties is applied to an entire surface of the coil end portions. A corner portion formed by outer circumferential surface of the bottom of the coil end portions and an end face in axial direction of the stator iron core is also filled with the adhesive insulating resin.